Search Warrant

City and State: Yuma, Arizona

UNITED STATES DISTRICT COURT

for the District of Arizona

FEB 2 8 2022

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In the Matter of the Search of

(Briefly Describe the property to be searched or identify the person by name and address

The residence, garage and vehicles located at 3188 Robert Way, Yuma, Arizona 85365-2904

Case No. 22 - 1314MB

Honorable James F. Metcalf, U.S. Magistrate Judge

Printed name and title

SEARCH AND SEIZURE WARRANT
To: Any authorized law enforcement officer
An application by a federal law enforcement officer or an attorney for the government requests the search of the following person or property located in the District of <u>Arizona</u> . (identify the person or describe the property to be searched and give its location):
As further described in Attachment A.
The person or property to be searched, described above, is believed to conceal (identify the person or describe the property to be seized):
As set forth in Attachment B.
I find that the affidavit(s), or any recorded testimony, establish probable cause to search and seize the person or property.
YOU ARE COMMANDED to execute this warrant on or before
 ☑ in the daytime 6:00 a.m. to 10 p.m. ☐ at any time in the day or night as I find reasonable cause has been established.
Unless delayed notice is authorized below, you must give a copy of the warrant and a receipt for the property taken the person from whom, or from whose premises, the property was taken, or leave the copy and receipt at the place where the property was taken.
The officer executing this warrant, or an officer present during the execution of the warrant, must prepare an inventory as required by law and promptly return this warrant and inventory to any United States Magistrate Judge on criminal duty in the district of Arizona.
☐ I find that immediate notification may have an adverse result listed in 18 U.S.C. § 2705 (except for delay of trial), and authorize the officer executing this warrant to delay notice to the person who, or whose property, will be searched or
seized (check the appropriate box)
Date and time issued: 228 2022 at 2:48 pm
Judge's signature

DESCRIPTION OF THE PERSON, PROPERTY, AND ITEMS

TO BE SEARCHED

ATTACHMENT A

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PROPERTY:

The residence located at 3188 S. Robert Way, Yuma, Arizona 85365-2904, which is a condominium. The house is tan with a stucco exterior and has a pitched roof with brown, tile shingles. The residence has a two-car garage with a white garage door. The front of the house faces east. The front door of the house is behind the garage and is not visible from the street. The numbers 3188 are displayed above the garage door in black three (3) inch numbers. The rear of the house faces west, and a cinderblock wall encloses the back yard. To the north and slightly separated from the residence, is 3182. To the south and sharing a wall with the residence, is 3190. I have verified that HERRERA and his wife reside at the 3188 S. Robert Way, Yuma, Arizona 85365-2904. I have determined that there is one vehicle (a associated with the residence and that is always parked in the garage. Because people often keep electronic devices of the type to be seized in their personal vehicles (either purposefully or accidentally), I am including the garage and the black 2016 Hyundai Accent bearing Arizona license plate CKJ6346 (vin# KMHCT4AE6GU113746) parked inside the garage as part of the property to be searched.

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ITEMS:

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Search for all items listed within ATTACHMENT B.

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ATTACHMENT B

ITEMS TO BE SEARCHED AND SEIZED

- 1. Images of child pornography and files containing images of child pornography in any form wherever it may be stored or found including:
- and related peripherals; cellular phones, Any computer, computer system a. personal digital assistants, tapes, cassettes, cartridges, streaming tape, commercial software and hardware, computer disks, disk drives, monitors, computer printers, scanners, modems, tape drives, disk applications programs, data disks, system disk operating systems, magnetic media floppy disks, hardware and software operating manuals, tape systems and hard drive and other computer-related operation equipment, firewalls, switches, hubs, wireless access points, gaming consoles, web cameras, uninterrupted power supplies, hardware device power supplies, tape backup drives, digital video recorders, undeveloped photographic film, slides, and other visual depictions of such Graphic Interchange formats (including JPG, GIF, TIP AVI, and MPEG), and any electronic data storage devices including, hardware, software, diskettes, backup tapes, CD-ROMS, DVD, flash memory devices, and other storage mediums; any input/output peripheral devices, including computer passwords and data security devices an computer-related documentation, and any hardware/software manuals related to or used to: visually depict child pornography; contain information pertaining to the interest in child pornography; distribute, receive, or possess child pornography;
 - b. Books and magazines containing child pornography;
 - c. Originals, copies, and negatives of visual depictions of child pornography; and
 - d. Motion pictures, films, videos, and other recordings of visual depictions of child

pornography.

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2. Information, correspondence, records, documents or other materials pertaining to the possession, receipt or distribution of child pornography that were transmitted or received using a computer, some other facility or means of interstate or foreign commerce, or common carrier of the U.S. mail including:

- a. Envelopes, letters and other correspondence including electronic mail, chat logs, and electronic messages, establishing possession, access to, or transmission through interstate or foreign commerce, including by U.S. mail or by computer, of child pornography;
- b. Books, ledgers and records bearing on the productions, reproduction, receipt, shipment, orders, requests, trades, purchases or transactions of any kind involving the transmission through interstate or foreign commerce, including by U.S. mail or by computer of child pornography;
- c. Records, documents, or materials, including any and all address books, mailing lists, supplier lists, mailing address labels, and documents and records pertaining to the preparation, purchase and acquisition of names or lists of names to be used in connections with the purchase, sale, trade or transmission of child pornography, through interstate commerce including by U.S. mail or by computer;
- d. Records, documents or materials, including address books, names and lists of names and addresses of minors visually depicted in child pornography;
- e. Records of Internet usage, including user names and e-mail addresses and identities assumed for the purposes of communication on the Internet to purchase, sell, trade, transmit or acquire child pornography. These records may include ISP records, i.e., billing and

Credit card information, which evidences ownership or use of the computer equipment, found in the above residence, including payment for Internet access and computers or electronic media or other storage devices, disks, CD-ROMS, or similar containers for electronic evidence. Records evidencing occupancy or ownership of the premises described above, including utility and telephone bills, mail, envelopes or addressed correspondence. Records or other items, which evidence ownership or use of computer equipment, found in the above residence, including sales receipts, bills for Internet access and handwritten notes. Any computer hard drive or other electronic media ("COMPUTER"), physically located at the residence or virtually connected to any computer within the residence, found to contain Evidence of who used, owned, or controlled the COMPUTER at the time the things described in this warrant were created, edited, or deleted, such as logs, registry entries, saved Evidence of software that would allow others to control the COMPUTER, such as Evidence of the attachment to the COMPUTER of other storage devices, disks,

,	access the COMPUTER.
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UNITED STATES DISTRICT COURT

for the District of Arizona FEB 2 8 2022

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(Briefly Describe the property to be searched or identify the person by name and address

Case No.

22-1314 MB

The residence, garage and vehicles located at 3188 Robert Way, Yuma, Arizona 85365-2904

APPLICATION AND AFFIDAVIT FOR A SEARCH AND SEIZURE WARRANT

I, a federal law enforcement officer or an attorney for the government, request a search warrant and state under penalty of perjury that I have reason to believe that on the following person or property (identify the person or describe the property to be searched and give its location):

As further described in Attachment A.

Located in the District of Arizona	, there is now concealed (identify the person or	describe the property to	be seized):
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The person or property to be searched, described above, is believed to conceal (identify the person or describe the ` pr

1 1 2	ou, described above, is conserved to conserve (assume)
property to be seized):	As set forth in Attachment B.
The basis for the search under Fed.	R. Crim. P. 41(c) is (check one or more):
⊠ evidence of a crime;	,
	ne, or other items illegally possessed;
•	e, intended for use, or used in committing a crime;
1 1 2	or a person who is unlawfully restrained.
The search is related to a violation of:	of a person who is unlawfully restrained.
Code/Section	Offense Description
Title 18 U.S.C. 2252	Activities Relating to Material Involving the Sexual Exploitation of Minors
Title 18 U.S.C. 2252A	Relating to Material Constituting or Containing Child Pornography
Title 18 U.S.C. 2232A	Relating to Material Constituting of Containing Clind 1 officiality
☐ Continued on the attached sheet. ☐ Delayed notice of 30 days (gi	ve exact ending date if more than 30 days:) is § 3103a, the basis of which is set forth on the attached sheet.
Reviewed by AUSA Louie Uhl	BENJAMIN A SUMNER Digitally signed by BENJAMIN A SUMNER Date: 2022.02.25 21:38:10 -07'00'
Louis Ut	Applicant's Signature
	SA Benjamin Sumner, HSI
	Applicant's printed name and title
Subscribed and sworn telephonically before me.	
Date: 2 28 2022	
	Judge's signature
City and State: Yuma, Arizona	Honorable James F. Metcalf, U.S. Magistrate Judge
City with Cities Administration	Printed name and title

DESCRIPTION OF THE PERSON, PROPERTY, AND ITEMS

ATTACHMENT A

TO BE SEARCHED

PROPERTY:

The residence located at 3188 S. Robert Way, Yuma, Arizona 85365-2904, which is a condominium. The house is tan with a stucco exterior and has a pitched roof with brown, tile shingles. The residence has a two-car garage with a white garage door. The front of the house faces east. The front door of the house is behind the garage and is not visible from the street. The numbers 3188 are displayed above the garage door in black three (3) inch numbers. The rear of the house faces west, and a cinderblock wall encloses the back yard. To the north and slightly separated from the residence, is 3182. To the south and sharing a wall with the residence, is 3190. I have verified that HERRERA and his wife reside at the 3188 S. Robert Way, Yuma, Arizona 85365-2904. I have determined that there is one vehicle (a associated with the residence and that is always parked in the garage. Because people often keep electronic devices of the type to be seized in their personal vehicles (either purposefully or accidentally), I am including the garage and the black 2016 Hyundai Accent bearing Arizona license plate CKJ6346 (vin# KMHCT4AE6GU113746) parked inside the garage as part of the property to be searched.

ITEMS:

Search for all items listed within ATTACHMENT B.

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ATTACHMENT B

ITEMS TO BE SEARCHED AND SEIZED

- 1. Images of child pornography and files containing images of child pornography in any form wherever it may be stored or found including:
- and related peripherals; cellular phones, Any computer, computer system a. personal digital assistants, tapes, cassettes, cartridges, streaming tape, commercial software and hardware, computer disks, disk drives, monitors, computer printers, scanners, modems, tape drives, disk applications programs, data disks, system disk operating systems, magnetic media floppy disks, hardware and software operating manuals, tape systems and hard drive and other computer-related operation equipment, firewalls, switches, hubs, wireless access points, gaming consoles, web cameras, uninterrupted power supplies, hardware device power supplies, tape backup drives, digital video recorders, undeveloped photographic film, slides, and other visual depictions of such Graphic Interchange formats (including JPG, GIF, TIP AVI, and MPEG), and any electronic data storage devices including, hardware, software, diskettes, backup tapes, CD-ROMS, DVD, flash memory devices, and other storage mediums; any input/output peripheral devices, including computer passwords and data security devices an computer-related documentation, and any hardware/software manuals related to or used to: visually depict child pornography; contain information pertaining to the interest in child pornography; distribute, receive, or possess child pornography;
 - b. Books and magazines containing child pornography;
 - c. Originals, copies, and negatives of visual depictions of child pornography; and
 - d. Motion pictures, films, videos, and other recordings of visual depictions of child

pornography.

- 2. Information, correspondence, records, documents or other materials pertaining to the possession, receipt or distribution of child pornography that were transmitted or received using a computer, some other facility or means of interstate or foreign commerce, or common carrier of the U.S. mail including:
- a. Envelopes, letters and other correspondence including electronic mail, chat logs, and electronic messages, establishing possession, access to, or transmission through interstate or foreign commerce, including by U.S. mail or by computer, of child pornography;
- b. Books, ledgers and records bearing on the productions, reproduction, receipt, shipment, orders, requests, trades, purchases or transactions of any kind involving the transmission through interstate or foreign commerce, including by U.S. mail or by computer of child pornography;
- c. Records, documents, or materials, including any and all address books, mailing lists, supplier lists, mailing address labels, and documents and records pertaining to the preparation, purchase and acquisition of names or lists of names to be used in connections with the purchase, sale, trade or transmission of child pornography, through interstate commerce including by U.S. mail or by computer;
- d. Records, documents or materials, including address books, names and lists of names and addresses of minors visually depicted in child pornography;
- e. Records of Internet usage, including user names and e-mail addresses and identities assumed for the purposes of communication on the Internet to purchase, sell, trade, transmit or acquire child pornography. These records may include ISP records, i.e., billing and

Passwords, encryption keys, and other access devices that may be necessary to

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AFFIDAVIT IN SUPPORT OF SEARCH WARRANT

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sworn, depose and state as follows, to wit:

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I, Benjamin Sumner, Special Agent with Homeland Security Investigations, being duly

INTRODUCTION

The facts of this case, as more fully detailed herein; specifically in paragraphs 16 through 18, are that on or about November 5, 2020, the United States Customs and Border Protection (CBP) Office of Professional Responsibility (OPR) referred this case to HSI Yuma after an applicant for a position, Carlos HERRERA, then an active duty United States Marine, stationed at Marine Corps Air Station (MCAS) Yuma, in Yuma, Arizona, within the District of Arizona, made admissions concerning child pornography during a pre-employment polygraph examination, in Yuma, Arizona, within the District of Arizona. During a consensual search of HERRERA's iPhone a pornographic image of a prepubescent female was discovered. Based on the information in this warrant, I am requesting that the Court issue a warrant to search 3188 S. Robert Way Yuma, Arizona 85365-2904, to locate child pornography and conclusively identify the individual(s) possessing and transmitting child pornography.

PRELIMINARY BACKGROUND INFORMATION

I am a Special Agent ("SA") with the United States Immigration and Customs Enforcement (ICE), Homeland Security Investigations (HSI) and have been so employed since October 2018. I am currently assigned to the Public Safety Group. I have received training regarding the investigation of cases involving the sexual exploitation of children and the trafficking of children. During my employment in law enforcement, I have written and/or participated in the execution of multiple search warrants. The statements contained in this Affidavit are based on

my experience and background as a Special Agent and on information provided by other law enforcement agents.

- 2. The purpose of this application is to seize evidence, more particularly described in Attachment B, of violations of 18 U.S.C. §§ 2252(a)(2) and 2252A(a)(2), which make it a crime to distribute and receive child pornography; violations of 18 U.S.C. §§ 2252(a)(1) and 2252A(a)(1), which make it a crime to transport or ship child pornography in interstate or foreign commerce; and violations of 18 U.S.C. §§ 2252(a)(4)(B) and 2252A(a)(5)(B), which makes it a crime to possess, or knowingly access with intent to view, child pornography.
- 3. Because this Affidavit is being submitted for the limited purpose of securing a search warrant, I have not included every fact known to me concerning this investigation. I have set forth only those facts that are necessary to establish probable cause to believe that evidence of violations of 18 U.S.C. §§ 2252 and 2252A is located at 3188 Robert Way, Yuma, Arizona 85365 ("SUBJECT PREMISES"), more particularly described in Attachment A, and within a mobile device such as computer, and related peripherals and computer media found at the SUBJECT PREMISES.

DEFINITIONS

- 4. The following non-exhaustive list of definitions applies to this Affidavit and Attachments A and B (collectively referred to as "warrant"):
- a. "Child Pornography" is any visual depiction of sexually explicit conduct where (a) the production of the visual depiction involved the use of a minor engaged in sexually explicit conduct, (b) the visual depiction is a digital image, computer image, or computer-generated image that is, or is indistinguishable from, that of a minor engaged in sexually explicit conduct, or (c) the visual depiction has been created, adapted, or modified to appear that an identifiable

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minor is engaged in sexually explicit conduct. See 18 U.S.C. § 2256(8).

- b. "Child Erotica" means materials or items that are sexually arousing to persons having a sexual interest in minors, but that are not, in and of themselves, obscene or illegal. In contrast to "child pornography," this material does not necessarily depict minors in sexually explicit poses or positions. Some of the more common types of child erotica include photographs that are not sexually explicit, drawings, sketches, fantasy writing, and diaries. See Kenneth V. Lanning, Child Molesters: A Behavioral Analysis (2001) at 65. Federal courts have recognized the evidentiary value of child erotica and its admissibility in child pornography cases. See United States v. Cross, 928 F.2d 1030 (11th Cir. 1991) (testimony about persons deriving sexual satisfaction from and collecting non-sexual photographs of children admissible to show intent and explain actions of defendant); United States v. Riccardi, 258 F.Supp.2d 1212 (D. Kan., 2003) (child erotica admissible under Federal Rule of Evidence 404(b) to show knowledge or intent).
- c. "Visual depictions" include undeveloped film and videotape, and data stored on computer disk or by electronic means, which is capable of conversion into a visual image. See 18 U.S.C. § 2256(5).
 - d. "Minor" means any person under the age of eighteen years. See 18 U.S.C. § 2256(1).
- e. "Sexually explicit conduct" means actual or simulated (a) sexual intercourse, including genital-genital, oral-genital, or oral-anal, whether between persons of the same or opposite sex; (b) bestiality; (c) masturbation; (d) sadistic or masochistic abuse; or (e) lascivious exhibition of the genitals or pubic area of any person. See 18 U.S.C. § 2256(2).
- f. "Computer" means "an electronic, magnetic, optical, electrochemical, or other high speed data processing device performing logical or storage functions, and includes any data

storage facility or communications facility directly related to or operating in conjunction with such device." See 18 U.S.C. § 1030(e)(1).

- g. "Computer hardware" consists of all equipment that can receive, capture, collect, analyze, create, display, convert, store, conceal, or transmit electronic, magnetic, or similar computer impulses or data. Computer hardware includes any data-processing devices (including central processing units, internal and peripheral storage devices such as fixed disks, external hard drives, floppy disk drives and diskettes, and other memory storage devices), peripheral input/output devices (including keyboards, printers, video display monitors, and related communications devices such as cables and connections), as well as any devices, mechanisms, or parts that can be used to restrict access to computer hardware (including physical keys and locks).
- h. "Computer software" is digital information that can be interpreted by a computer and any of its related components to direct the way they work. Computer software is stored in electronic, magnetic or other digital form. It commonly includes programs to run operating systems, applications and utilities.
- i. "Computer-related documentation" consists of written, recorded, printed, or electronically stored material that explains or illustrates how to configure or use computer hardware, computer software or other related items.
- j. "Computer passwords and data security devices" consist of information or items designed to restrict access to or hide computer software, documentation or data. Data security devices may consist of hardware, software or other programming code. A password (a string of alphanumeric characters) usually operates a sort of digital key to "unlock" particular data

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security devices. Data security hardware may include encryption devices, chips and circuit boards. Data security software of digital code may include programming code that creates "test" keys or "hot" keys, which perform certain pre-set security functions when touched. Data security software or code may also encrypt, compress, hide or "booby-trap" protected data to make it inaccessible or unusable, as well as reverse the progress to restore it.

k. "Internet Service Providers" (ISPs) are commercial organizations, which provide individuals and businesses access to the Internet. ISPs provide a range of functions for their customers including access to the Internet, web hosting, e-mail, remote storage and co-location of computers and other communications equipment. ISPs can offer various means to access the Internet, including telephone based dial-up, broadband based access via a digital subscriber line (DSL) or cable television, dedicated circuits, or satellite based subscription. ISPs typically charge a fee based upon the type of connection and volume of data, called bandwidth that the connection supports. Many ISPs assign each subscriber an account name such as a user name or screen name, an e-mail address, and an e-mail mailbox and the subscriber typically creates a password for the account. By using a computer equipped with a telephone or cable modem, the subscriber can establish communication with an ISP over a telephone line or through a cable system, and can access the Internet by using his or her account name and password.

1. "ISP Records" are records maintained by ISPs pertaining to their subscribers (regardless of whether those subscribers are individuals or entities). These records may include account application information, subscriber and billing information, account access information (often times in the form of log files), e-mail communications, information concerning content uploaded and/or stored on or via the ISP's servers and other information, which may be stored both in

computer data format and in written or printed record format. ISPs reserve and/or maintain computer disk storage space on their computer system for their subscribers' use. This service by ISPs allows for both temporary and long-term storage of electronic communications and many other types of electronic data and files.

- m. "Internet Protocol address" (IP address) refers to a unique number used by a computer to access the Internet. IP addresses can be dynamic, meaning that the Internet Service Provider (ISP) assigns a different unique number to a computer every time it accesses the Internet. IP addresses might also be static, if an ISP assigns a user's computer a particular IP address that is used each time the computer accesses the Internet.
- n. The terms "records," "documents" and "materials" include all information recorded in any form, visual or aural, and by any means, whether in hand-made form (including writings, drawings, painting), photographic form (including microfilm, microfiche, prints, slides, negatives, videotapes, motion pictures, photocopies), mechanical form (including phonograph records, printing, typing) or electrical, electronic or magnetic form (including tape recordings, cassettes, compact discs, electronic or magnetic storage devices such as floppy diskettes, hard disks, CD-ROMs, digital video disks (DVDs), Personal Digital Assistants (PDAs), Multi Media Cards (MMCs), memory sticks, optical disks, printer buffers, smart cards, memory calculators, electronic dialers or electronic notebooks, as well as digital data files and printouts or readouts from any magnetic, electrical or electronic storage device).
- o. "Digital device" includes any electronic system or device capable of storing and/or processing data in digital form, including the following: central processing units; laptop or notebook computers; PDAs; wireless communication devices such as telephone paging devices,

beepers and mobile telephones; peripheral input/output devices such as keyboards, printers, scanners, plotters, monitors and drives intended for removable media; related communications devices such as modems, cables and connections; storage media such as hard disk drives, floppy disks, compact disks, magnetic tapes and memory chips; and security devices.

- p. "Image" or "copy" refers to an accurate reproduction of information contained on an original physical item, independent of the electronic storage device. "Imaging" or "copying" maintains contents, but attributes may change during the reproduction.
- q. "Hash value" refers to a mathematical algorithm generated against data to produce a numeric value that is representative of that data. A hash value may be run on media to find the precise data from which the value was generated. Hash values cannot be used to find other data.
- r. "Steganography" refers to the art and science of communicating in a way that hides the existence of the communication. It is used to hide a file inside another. For example, a child pornography image can be hidden inside another graphic image file, audio file or other file format.
- s. "Compressed file" refers to a file that has been reduced in size through a compression algorithm to save disk space. The act of compressing a file will make it unreadable to most programs until the file is uncompressed.
- t. "Domain Name" refers to the common, easy to remember names associated with an Internet Protocol address. For example, a domain name of www.usdoj.gov refers to the Internet Protocol address of 98.145.194.24. Domain names are typically strings of alphanumeric characters with each level delimited by a period. Each level, read backwards from right to left-further identifies parts of an organization. Examples of first level or top-level domains are

typically .com for commercial organizations, .gov for the governmental organizations, .org for organizations, and .edu for educational organizations. Second level names will further identify the organization. For example, usdoj.gov further identifies the United States governmental agency to be the Department of Justice. Additional levels may exist as needed until each machine is uniquely identifiable. For example, www.usdoj.gov identifies the World Wide Web server located at the United States Department of Justice, which is part of the United States government.

- u. "Log Files" are records automatically produced by computer programs to document electronic events that occur on computers. Computer programs can record a wide range of events including remote access, file transfers, logon/logoff times, and system errors. Logs are often named based on the types of information they contain. For example, web logs contain specific information about when a website was accessed by remote computers; access logs list specific information about when a computer was accessed from a remote location; and file transfer logs list detailed information concerning files that are remotely transferred.
- v. "Hyperlink" refers to an item on a web page which, when selected, transfers the user directly to another location in a hypertext document or to some other web page.
- w. "Website" consists of textual pages of information and associated graphic images. The textual information is stored in a specific format known as Hyper-Text Mark-up Language (HTML) and is transmitted from web servers to various web clients via Hyper-Text Transport Protocol (HTTP).
- x. "Uniform Resource Locator" or "Universal Resource Locator" or "URL" is the unique address for a file that is accessible on the Internet. For example, a common way to get to a

website is to enter the URL of the website's home page file in the Web browser's address line. Additionally, any file within that website can be specified with a URL. The URL contains the name of the protocol to be used to access the file resource, a domain name that identifies a specific computer on the Internet, and a pathname, a hierarchical description that specifies the location of a file in that computer.

BACKGROUND ON COMPUTERS AND CHILD PORNOGRAPHY AND ONLINE CHILD EXPLOITATION

- 5. Based upon my knowledge, training and experience in online child exploitation and child pornography investigations, as well as the experience and training of other law enforcement officers with whom I have had discussions, I have learned the following:
- a. Computers and computer technology have revolutionized the way in which child pornography is produced, distributed, stored and communicated. Individuals can transfer photographs or videos from a camera onto a computer-readable format with a variety of devices, including scanners, memory card readers, or directly from digital cameras. The capability of a computer to store images in digital form makes the computer itself an ideal repository for child pornography. As explained further below, the storage capacity of electronic media used in home computers has increased tremendously within the last several years. These drives can store extreme amounts of visual images at very high resolution. Modems then allow computers to connect to another computer through the use of telephone, cable, or wireless connection. Electronic contact can be made to literally millions of computers around the world.
- b. The Internet, the World Wide Web and other Internet components afford individuals many different, and relatively secure and anonymous, venues for obtaining, viewing and trading

child pornography or for communicating with others to do so or to entice children.

Individuals can use online resources to retrieve, store and share child pornography, including services offered by Internet Portals such as Google, America Online (AOL), Yahoo! and Hotmail, among others. Online services allow a user to set up an account providing e-mail and instant messaging services, as well as electronic storage of computer files in any variety of formats. A user can set up an online storage account from any computer with access to the Internet. Evidence of such online storage of child pornography is often found on the user's computer. And even in cases where online storage is used, evidence of child pornography can be found on the user's computer in most cases.

- c. As is the case with most digital technology, computer communications can be saved or stored on hardware and computer storage media used for these purposes. Storing this information can be intentional, i.e., by saving an e-mail as a file on the computer or saving the location of one's favorite websites in, for example, "bookmarked" files. However, digital information can also be retained unintentionally, e.g., traces of the path of an electronic communication may be automatically stored in many places (e.g., temporary files or ISP client software, among others). In addition to electronic communications, a computer user's Internet activities generally leave traces or "footprints" in the web cache and history files of the browser used. Such information is often maintained for very long periods of time until overwritten by other data.
- d. The interaction between software applications and the computer operating systems often results in material obtained from the Internet being stored multiple times, and even in different locations, on a computer hard drive without the user's knowledge. Even if the computer user is

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sophisticated and understands this automatic storage of information on his/her computer's hard drive, attempts at deleting the material often fail because the material may be automatically stored multiple times and in multiple locations within the computer media. As a result, digital data that may have evidentiary value to this investigation could exist in the user's computer media despite, and long after, attempts at deleting it. A thorough search of this media could uncover evidence of receipt, distribution and possession of child pornography.

e. Data that exists on a computer is particularly resilient to deletion. Computer files or remnants of such files can be recovered months or even years after they have been downloaded onto a hard drive, deleted or viewed via the Internet. Electronic files downloaded to a hard drive can be stored for years at little to no cost. Even when such files have been deleted, they can be recovered months or years later using readily available forensic tools. When a person "deletes" a file on a home computer, the data contained in the file does not actually disappear, rather, the data remains on the hard drive until it is overwritten by new data. Therefore, deleted files or remnants of deleted files, may reside in free space or slack space - that is, in space on the hard drive that is not allocated to an active file or that is unused after a file has been allocated to a set block of storage space for long periods of time before they are overwritten. In addition, a computer's operating system may also keep a record of deleted data in a "swap" or "recovery" file. Similarly, files that have been viewed via the Internet are automatically downloaded into a temporary Internet directory or cache. The browser typically maintains a fixed amount of hard drive space devoted to these files, and the files are only overwritten as they are replaced with more recently viewed Internet pages. Thus, the ability to retrieve residue of an electronic file from a hard drive depends less on when the file was downloaded or viewed and more on a

particular user's operating system, storage capacity, and computer habits.

BACKGROUND ON CELLULAR PHONE AND CHILD PORNOGRAPHY AND ONLINE CHILD EXPLOITATION

- 6. Based upon my knowledge, training and experience in online child exploitation and child pornography investigations, as well as the experience and training of other law enforcement officers with whom I have had discussions, I have learned the following:
- a. Cellular telephones have revolutionized the way in which child pornography is produced, distributed, stored and communicated as a commodity and a further tool of online child exploitation.
- b. A cellular telephone is a handheld wireless device used for voice and data communication through radio signals. These telephones send signals through networks of transmitter/receivers, enabling communication with other wireless telephones or traditional "land line" telephones. A cellular telephone usually contains a "call log," which records the telephone number, date, and time of calls made to and from the phone. In addition to enabling voice communications, wireless telephones offer a broad range of capabilities. These capabilities include: storing names and phone numbers in electronic "address books;" sending, receiving, and storing text messages and e-mail; taking, sending, receiving, and storing still photographs and moving video; storing and playing back audio files; storing dates, appointments, and other information on personal calendars; and accessing and downloading information from the Internet. Cellular telephones may also include global positioning system ("GPS") technology for determining the location of the device.
 - c. The capability of a cellular telephone to store images in digital form makes the cellular

telephone itself an ideal repository for child pornography. As explained further below, the storage capacity of electronic media used in home cellular telephones has increased tremendously within the last several years. These drives can store extreme amounts of visual images at very high resolution.

- d. The Internet, the World Wide Web and other Internet components afford individuals many different and relatively secure and anonymous venues for obtaining, viewing and trading child pornography or for communicating with others to do so or to entice children.
- e. Individuals can use online resources to retrieve, store and share child pornography, including services offered by Internet Portals such as Google, America Online (AOL), Yahoo! and Hotmail, among others. Online services allow a user to set up an account providing e-mail and instant messaging services, as well as electronic storage of cellular telephone files in any variety of formats. A user can set up an online storage account from any cellular telephone with access to the Internet. Evidence of such online storage of child pornography is often found on the user's cellular telephone. And even in cases where online storage is used, evidence of child pornography can be found on the user's cellular telephone in most cases.
- f. The interaction between software applications and the cellular telephone operating systems often results in material obtained from the Internet being stored multiple times, and even in different locations, on a cellular telephone hard drive without the user's knowledge. Even if the cellular telephone user is sophisticated and understands this automatic storage of information on his/her cellular telephone's storage, attempts at deleting the material often fail because the material may be automatically stored multiple times and in multiple locations within the cellular telephone media. As a result, digital data that may have evidentiary value to this investigation

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could exist in the user's cellular telephone media despite, and long after, attempts at deleting it. A thorough search of this media could uncover evidence of receipt, distribution and possession of child pornography.

BACKGROUND ON PEER TO PEER FILE SHARING

- An increasingly common activity on the Internet is peer-to-peer file sharing (P2P). P2P 7. file sharing is a method of communication available to Internet users through the use of special software. Computers linked together through the Internet using this software form a network that allows for the sharing of digital files between users on the network. A user first obtains the P2P software, which can be downloaded from the Internet. In general, P2P software allows the user to designate file(s) on a computer to be shared with others worldwide running compatible P2P software. A user looking to download files simply conducts a keyword search. The results of the keyword search are displayed and the user then selects the file(s) that he/she wants to download. The download of a file is achieved through a direct connection between the computer requesting the file and the computer(s) hosting the file. Once a file has been downloaded, it is stored in the area previously designated by the user and will remain there until moved or deleted.
- 8. One of the advantages of some P2P file sharing programs is that multiple files may be downloaded in parallel. This means that the user can download more than one file at a time. In addition, a user may download parts of one file from more than one source computer at a time. For example, a P2P user downloading an image file may actually receive parts of the image from multiple computers. The advantage of this is that it speeds up the time it takes to download the file. Often, however, a P2P user downloading an image file receives the entire image from one

computer.

- 9. A P2P file transfer is accomplished by reference to an Internet Protocol (IP) address. This address, expressed as four groups of numbers separated by decimal points, is unique to a particular computer during an online session. The IP address provides a unique location making it possible for data to be transferred between computers. Software is available to identify the IP address of the P2P computer sending the file and to identify if parts of the file came from one or more IP addresses. Such software monitors and logs Internet and local network traffic. In addition, most of the P2P software applications keep logs of each download event.
- 10. Even though P2P networks link together computers all over the world and users can download files, it is not possible for one user to send or upload a file to another user through the P2P network. The software is designed only to allow files to be downloaded that have been selected. One does not have the ability to send files from his/her computer to another user's computer or to download files from another user's computer without the other user's permission, knowledge, and active participation.
- 11. The computers that are linked together to form a P2P network are located throughout the world; therefore, the P2P network operates in interstate and foreign commerce. A person that includes child pornography files in his/her "shared" folder is hosting child pornography and is thereby promoting, presenting, and potentially distributing child pornography.

BACKGROUND ON COMPUTERS AND EVIDENCE ASSESSMENT PROCESS IN

CHILD PORNOGRAPHY AND CHILD EXPLOITATION

INVESTIGATIONS

12. Based upon my knowledge, training, and experience, as well as information related to me

by agents and others involved in the forensic examination of digital devices, I know that segregating information before commencement of the review of digital evidence by the examining agent is inconsistent with the evidence assessment process in child pornography and online child exploitation investigations. This is true in part because the items to be searched will not only contain child pornography but also will contain the identity of the user/possessor of the child pornography as well as evidence as to the programs and software used to obtain the child pornography, which may be located throughout the areas to be searched.

- a. As further described in Attachment B, this warrant seeks permission to locate not only computer files that might serve as direct evidence of the crimes described in the warrant, but also for evidence that establishes how computers were used, the purpose of their use, and who used them. Additionally, the warrant seeks information about the possible location of other evidence.
- b. As described above and in Attachment A, this application seeks permission to search and seize certain records that might be found in the SUBJECT PREMISES, in whatever form they are found. One form in which the records might be found is stored on a computer's hard drive, or other electronic media. Some of these electronic records might take the form of files, documents, and other data that is user-generated. Some of these electronic records, as explained below, might take a form that becomes meaningful only upon forensic analysis.
- c. Although some of the records called for by this affidavit might be found in the form of user-generated documents (such as word processor, picture and movie files), computer hard drives can contain other forms of electronic evidence that are not user-generated. In particular, a computer hard drive may contain records of how a computer has been used, the purposes for

which it was used and who has used these records, as described further in the attachments. For instance, based upon my knowledge, training and experience, as well as information related to me by agents and others involved in the forensic examination of digital devices, I know the following:

- i. Data on the hard drive not currently associated with any file can provide evidence of a file that was once on the hard drive but has since been deleted or edited, or of a deleted portion of a file (such as a paragraph that has been deleted from a word processing file).
- ii. Virtual memory paging systems can leave traces of information on the hard drive that show what tasks and processes the computer were recently in use.
- iii. Web browsers, e-mail programs and chat programs store configuration information on the hard drive that can reveal information such as online nicknames and passwords.
- iv. Operating systems can record additional information, such as the attachment of peripherals, the attachment of USB flash storage devices and the times the computer was in use.
- v. Computer file systems can record information about the dates files were created and the sequence in which they were created. This information may be evidence of a crime or indicate the existence and location of evidence in other locations on the hard drive.
- d. Further, in finding evidence of how a computer has been used, the purposes for which

it was used and who has used it, sometimes it is necessary to establish that a particular thing is not present on a hard drive or that a particular person (in the case of a multi-user computer) was not a user of the computer during the time(s) of the criminal activity. For instance, based upon my knowledge, training and experience, as well as information related to me by agents and others involved in the forensic examination of digital devices, I know that when a computer has more than one user, files can contain information indicating the dates and times that files were created as well as the sequence in which they were created, and, for example, by reviewing the Index.dat files (a system file that keeps track of historical activity conducted in the Internet Explorer application), whether a user accessed other information close in time to the file creation dates, times and sequences so as to establish user identity and exclude others from computer usage during times related to the criminal activity.

- e. Evidence of how a digital device has been used, what it has been used for and who has used it, may be the absence of particular data on a digital device and requires analysis of the digital device as a whole to demonstrate the absence of particular data. Evidence of the absence of particular data on a digital device is not segregable from the digital device.
- f. The types of evidence described above may be direct evidence of a crime, indirect evidence of a crime indicating the location of evidence or a space where evidence was once located, contextual evidence identifying a computer user and contextual evidence excluding a computer user. All of these types of evidence may indicate ownership, knowledge and intent.
- g. This type of evidence is not "data" that can be segregated, that is, this type of data cannot be abstractly reviewed and filtered by a seizing or imaging agent and then transmitted to investigators. Rather, evidence of this type is a conclusion, based on a review of all available

facts and the application of knowledge about how a computer behaves and how computers are used. Therefore, contextual information is necessary to understand the evidence described in Attachment B also falls within the scope of the warrant.

SEARCH METHODOLOGY TO BE EMPLOYED

- 13. As noted within this search warrant, it would be extremely difficult, if not impossible to conduct a thorough on-site review of all of the potential evidence in this case. Given these constraints, the search methodology to be employed is as follows:
- a. All computers, computer hardware and any form of electronic storage that could contain evidence described in this warrant will be seized for an off-site search for evidence that is described in the attachments of this warrant. It is anticipated that mirror copies or images of such evidence will be made if the failure to do so could otherwise potentially alter the original evidence.
- b. Consistent with the information provided within this affidavit, contextual information necessary to understand the evidence, to identify the user/possessor of the child pornography, and to establish admissibility of the evidence in subsequent legal proceedings will also be sought by investigative agents.
- c. Additional techniques to be employed in analyzing the seized items will include (1) surveying various file directories and the individual files they contain; (2) opening files to determine their contents; (3) scanning storage areas, (4) performing key word searches through all electronic storage areas to determine whether occurrences of language contained in such storage areas exist that are likely to appear in the evidence described in this affidavit and its attachments, and (5) performing any other data analysis techniques that may be necessary to

locate and retrieve the evidence described in this affidavit and its attachments.

- 14. Because it is expected that the computers, computer hardware and any form of electronic storage media may constitute (1) instrumentality of the offense, (2) fruit of criminal activity, (3) contraband, or (4) evidence otherwise unlawfully possessed, it is anticipated that such evidence will not be returned to the owner and that it will be either forfeited or ultimately destroyed in accordance with the law at the conclusion of the case.
- a. Because of the large storage capacity as well as the possibility of hidden data within the computers, computer hardware and any form of electronic storage media, it is anticipated that there will be no way to ensure that contraband-free evidence could be returned to the user/possessor of the computer, computer hardware or any form of electronic storage media, without first wiping such evidence clean. Wiping the original evidence clean would mean that the original evidence would be destroyed and thus, would be detrimental to the investigation and prosecution of this case.
- b. Further, because investigators cannot anticipate all potential defenses to the offenses in this affidavit, and as such, cannot anticipate the significance of the evidence that has been lawfully seized pursuant to this warrant, it is requested that all seized evidence be retained by law enforcement until the conclusion of legal proceedings or until other order of the court.
- c. If after careful inspection investigators determine that such computers, computer hardware and electronic storage media do not contain (1) instrumentality of the offense, (2) fruit of criminal activity, (3) contraband, (4) evidence otherwise unlawfully possessed, or (5) evidence of the person who committed the offense and under what circumstances the offense was committed, then such items seized will be returned.

CHARACTERISTICS OF INDIVIDUALS INVOLVED IN THE DISTRIBUTION OF

CHILD PORNOGRAPHY

- 15. Based upon my knowledge, experience, and training in child pornography investigations, and the training and experience of other law enforcement officers with whom I have had discussions, I know that there are certain characteristics common to individuals involved in the possession and distribution of child pornography. Those who possess and distribute child pornography:
- a. May receive sexual gratification, stimulation, and satisfaction from contact with children; or from fantasies they may have viewing children engaged in sexual activity or in sexually suggestive poses, such as in person, in photographs, or other visual media; or from literature describing such activity.
- b. May collect sexually explicit or suggestive materials, in a variety of media, including photographs, magazines, motion pictures, videotapes, books, slides and/or drawings or other visual media. Such individuals oftentimes use these materials for their own sexual arousal and gratification. Further, they may use these materials to lower the inhibitions of children they are attempting to seduce, to arouse the selected child partner, or to demonstrate the desired sexual acts.
- c. Often possess and maintain their "hard copies" of child pornographic material, that is, their pictures, films, video tapes, magazines, negatives, photographs, correspondence, mailing lists, books, tape recordings, etc., in the privacy and security of their home or some other secure location. These individuals typically retain pictures, films, photographs, negatives, magazines,

correspondence, books, tape recordings, mailing lists, child erotica, and videotapes for many years.

- d. Often maintain their collections that are in a digital or electronic format in a safe, secure and private environment, such as a computer and surrounding area. These collections are often maintained for several years and are kept close by, usually at the individual's residence, to enable the collector to view the collection, which is valued highly.
- e. May correspond with and/or meet others to share information and materials; rarely destroy correspondence from other child pornography distributors/collectors; conceal such correspondence as they do their sexually explicit material; and often maintain lists of names, addresses, and telephone numbers of individuals with whom they have been in contact and who share the same interests in child pornography.
- f. Prefer not to be without their child pornography for any prolonged time period. This behavior has been documented by law enforcement officers involved in the investigation of child pornography throughout the world.

DETAILS OF THE INVESTIGATION

16. On November 5, 2020, at approximately 1903 hours, Homeland Security Investigations (HSI) Special Agents (SA) Fitzmorris and Sumner interviewed Carlos HERRERA regarding admissions that HERRERA had made on and during a pre-employment polygraph examination, in Yuma, Arizona. HERRERA was advised of his Fifth Amendment constitutional rights per *Miranda*, both verbally and HERRERA confirmed that he understood those rights, waived them and verified that he was willing to speak with the agents. HERRERA admitted that from June to October of 2020, he had messaged approximately 20 underage females on Snapchat. Their ages,

1	he said, were between 13 and 15 years old. HERRERA stated that he had exchanged
2	pornographic pictures and videos with these females. He also stated that he had sent videos and
3	pictures of himself masturbating and exposing himself explicitly. HERRERA further stated that
4	he would ask these underage girls to send him nude pictures and videos of themselves naked and
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6	masturbating. He also sent them pictures and videos of himself masturbating. HERRERA stated
7	that he told the underage girls that he was only 17. HERRERA stated that in the messages sent
8	by the females, they would often tell him their age. HERRERA consented both verbally and in
9 10	writing to search both of his cell phones (an iPhone 12 and an iPhone X).
11	17. On April 21, 2021, Special Agent Jay Fitzmorris gave Computer Forensics Agent (CFA)
12	Frank Salcedo the seized electronic evidence in the case against Carlos HERRERA for forensic
13	analysis along with a signed consent form. These items were: Apple iPhone X Smartphone. A
14 15	report was then generated documenting the information found in the extraction.
16	CFA Salcedo reviewed the contents of the report and an image of child exploitive material. The
17	files are as follows:
18	File Name: b7c2643a9bc95ed2ae1d21d53deabab536c1608
19	SHA1: 91A33877DB9619220F6293EDD4086375009FB7C3
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21	Description: This is a picture of a MacBook laptop computer. On the screen is a close-up picture
22 23	of the vagina of a prepubescent female. The child has minimal pubic development. The child is
24	wearing a light blue t-shirt. She has minimal breast development. CFA Salcedo observed that
25	the image was sent to HERRERA's device from his wife. HERRERA's wife sent the image via
26	text and demanded to know why the image was on his laptop. She furthered texted HERRERA
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that the image appeared when she opened his (HERRERA's) laptop.

1	18. Record checks revealed that HERRERA moved from his residence aboard MCAS Yuma
2	to 3188 S. Robert Way, Yuma, AZ 85365. Further record checks revealed that HERRERA has
3	a black 2016 Hyundai Accent bearing Arizona license plate CKJ6346 (vin#
4	KMHCT4AE6GU113746).
5	On February 17th, 2022 at approximately 1955hrs, HSI Special Agents observed HERRERA
7	driving a black Hyundai Accent into the garage at 3188 S. Robert Way, Yuma, AZ. HERRERA
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9	parked the vehicle and was seen exiting the vehicle after parking.
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11	<u>FORFEITURE</u>
12	19. For Chapter 110 child pornography offenses, 18 U.S.C. §§ 2253 and 2254 provide the
13	forfeiture authority. Section 2254 provides for civil forfeiture of the same property subject to
14 15	criminal forfeiture in Section 2253, as requested in a criminal seizure warrant pursuant to 18
16	U.S.C. § 981.
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18	20. Section 2253 provides, in relevant part:
19	(a) Property subject to criminal forfeiture -
20	(1) any visual depiction described in section 2251, 2251A, or 2252, 2252A, 2252B,
21	or 2260 of this chapter, or any book, magazine, periodical, film, videotape, or other
22	matter which contains any such visual depiction, which was produced, transported,
23	mailed, shipped or received in violation of this chapter;
2425	(2) any property, real or personal, constituting or traceable to gross profits or other
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27	proceeds obtained from such offense, and;
28	(3) any property, real or personal, used or intended to be used to commit or to

1	promote the commission of such offense or any property traceable to such
2	property.
3	21. Pursuant to these Rules, I request immediate forfeiture of any property, including items of
4	electronic evidence, which constitutes, contains, or was used to facilitate a crime involving child
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6	pornography or online child exploitation.
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CONCLUSION 1 Based on the foregoing, I believe that there is probable cause that Carlos HERRERA has, 2 22. 3 stored on the SUBJECT PREMISES, electronic devises that he has utilized or is utilizing, in 4 violation of Title 18 U.S.C. §§ 2252 and 2252A, which, among other things, makes it a federal 5 crime for any person to produce, possess, receive, or distribute child pornography. I further 6 7 believe that the property, evidence, fruits and instrumentalities of these offenses, more fully 8 described in Attachment B of this Affidavit, are located at the SUBJECT PREMISES, as more fully described in Attachment A. 10 11 Respectfully submitted, 12 Digitally signed by BENJAMIN A SUMNER 13 BENJAMIN A SUMNER Date: 2022.02.25 21:40:27 -07'00' Benjamin Sumner 14 Special Agent Homeland Security Investigations 15 16 17 18 19 20 Subscribed and sworn telephonically before me this 28 21 22 23 24 Hon. James F. Metcalf 25 United States Magistrate Judge 26 27 28